Asymmetric: 6000717 Gary Mizzen Staysail-V1-0728.des

Design Info
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Design File:
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Comments:

Initial Design Date: 26/7/2022
Boat:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	10.516m		
Leech length (SLE):	9.246m		
Foot length (SFL):	8.534m		
Headboard Width:	0.030m		
Three-quarter width:	2.782m	Closest Pt:	2.198m
Half width (SHW):	5.280m	Closest Pt:	4.372m
Quarter width:	7.199m	Closest Pt:	6.367m
ORC Area:	48.834m?		
IRC Area:	48.638m?		
Surface Area:	48.405m?		
Hoist height:	10.000m		
J:	4.000m		

Luff Curve

15.500m,	0.000m
11.625m,	0.000m
7.750m,	0.000m
3.875m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.411m])		Before BSeam
100% (10.514m) :	-0.000m	0.000m
89% (9.339m) :	-0.023m	0.201m
78% (8.189m) :	-0.044m	0.387m
67% (7.076m) :	-0.061m	0.539m
57% (6.011m) :	-0.072m	0.637m
47% (4.982m) :	-0.077m	0.676m
38% (3.970m) :	-0.078m	0.646m
28% (2.967m) :	-0.071m	0.559m
19% (1.970m) :	-0.048m	0.431m
9% (0.981m) :	-0.021m	0.238m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances

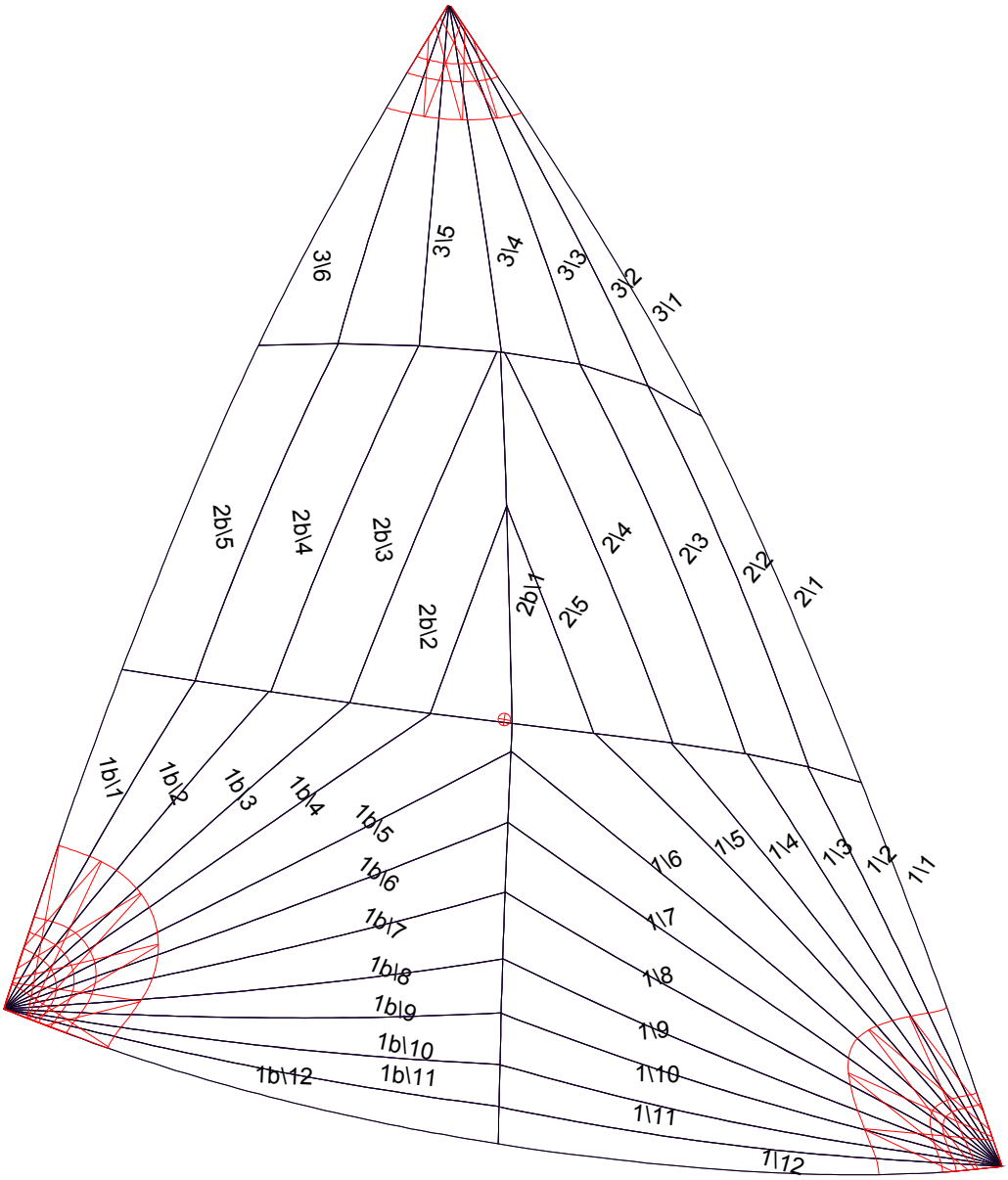
	Split	Radial	Cross
Zone: 1/a	0.038m	0.015m	0.038m
Zone: 1/b	0.038m	0.015m	0.038m
Zone: 2/a	0.038m	0.015m	0.038m
Zone: 2/b	0.038m	0.015m	0.038m
Zone: 3	0.038m	0.015m	0.038m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	10.73
Radial/Vertical	138.03
Bi-Radial Split	6.87

Materials

Material	Area (m?	Panels
Material 1	48.48	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1b\1,1b\2,1b\3 1b\4,1b\5,1b\6,1b\7,1b\8 1b\9,1b\10,1b\11,1b\12,2\1 2\2,2\3,2\4,2\5,2b\1 2b\2,2b\3,2b\4,2b\5,3\1 3\2,3\3,3\4,3\5,3\6